



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000

October 23, 2008

**REGISTERED MAIL**  
**RB 670 356 991 US**

BP Cherry Point Refinery  
Attn: Jeff Chalfant  
4519 Grandview Road  
Blaine, WA 98230

**RE: Water Quality Certification Order #5976 for U.S. Army Corps of Engineers  
Reference No. NWS-2001-01283-SO, BP Cherry Point Cogeneration Facility  
and Maintenance Services Complex, Wetlands, Whatcom County,  
Washington**

Dear Mr. Chalfant:

On January 31, 2008, BP Cherry Point Refinery, submitted a Joint Aquatic Resources Permit Application (JARPA) to the Department of Ecology (Ecology) for a Section 401 Water Quality Certification (401 Certification) under the federal Clean Water Act (CWA) for the proposed Maintenance Services Complex project. The Corps issued a joint public notice for a Section 404 Permit on July 29, 2008, for the proposed project.

The applicant proposes to permanently fill approximately 20.02 acres of wetlands, as well as 2.59 acres of wetlands for indirect impacts, in order to construct the Maintenance Service Complex. The wetland mitigation proposal is designed to create and rehabilitate 62.6 acres of wetlands and enhance 9.2 acres of buffer north of Grandview Road, which is a subset of the area previously permitted for mitigation for the Cogeneration Facility.

On behalf of the State of Washington, through the enclosed Order, Ecology certifies that the work described in the January 31, 2008 JARPA and the July 29, 2008 public notice complies with applicable provisions of Sections 301, 302, 303, 306 and 307 of the Clean Water Act, as amended and applicable state laws. This certification is subject to the conditions contained in the enclosed Order.



If you have any questions, please contact Rebekah Padgett at (425) 649-7129 or email at [rpad461@ecy.wa.gov](mailto:rpad461@ecy.wa.gov). The enclosed Order may be appealed by following the procedures described in the Order.

Sincerely,



Erik Stockdale, Unit Supervisor  
Northwest Regional Office  
Shorelands and Environmental Assistance Program

ES:rrp:cja

Enclosure

cc: Olivia Romano, U.S. Army Corps of Engineers  
Randel Perry, U.S. Army Corps of Engineers  
David Every, URS Corporation  
Stephen Posner, Washington State Energy Facility Site Evaluation Council  
Oliver Grah, Whatcom County Planning and Development Services

e-cc: Susan Meyer – NWRO  
Loree' Randall – HQ  
Raman Iyer – NWRO

**IN THE MATTER OF GRANTING A ) ORDER #5976**  
**WATER QUALITY ) Corps Reference No. NWS-2001-01283-SO**  
**CERTIFICATION TO ) BP Cherry Point Cogeneration Facility and**  
**BP Cherry Point Refinery ) Maintenance Services Complex; Wetlands,**  
in accordance with 33 U.S.C. 1341 ) Whatcom County, Washington.  
(FWPCA § 401), RCW 90.48.120, RCW )  
90.48.260 and Chapter 173-201A WAC )

TO: BP Cherry Point Refinery  
Attn: Jeff Chalfant  
4519 Grandview Road  
Blaine, WA 98230

On January 31, 2008, BP Cherry Point Refinery, submitted a Joint Aquatic Resources Permit Application (JARPA) to the Department of Ecology (Ecology) for a Section 401 Water Quality Certification. A joint public notice regarding the request was distributed by the U.S. Army Corps of Engineers (Corps) for the above-referenced project pursuant to the provisions of Chapter 173-225 WAC on July 29, 2008.

Construction of the Maintenance Service Complex includes the following components:

- Placement of 46,000 cubic yards of fill material (covering 20.02 acres of wetlands) for maintenance shops, administrative complex, warehouses, firehall, equipment storage/lay-down area, auto shop, paint shop, electrical building, laboratory, access roads, parking lots, utilities, storm water detention ponds, and improvements to a security gate.
- Indirect impacts to 2.59 acres of wetlands by removing the source of water to support portions of the wetlands.
- Filling less than 0.01 acre of wetlands for proposed improvements to Blaine and Grandview Roads intersection.

The applicant proposes to permanently fill approximately 20.02 acres of wetlands, as well as 2.59 acres of wetlands for indirect impacts, in order to construct the Maintenance Service Complex.

Mitigation for the proposed direct and indirect impacts is as follows:

Wetland Creation	3.1 acres
Wetland Rehabilitation	59.5 acres
<u>Buffer Enhancement</u>	<u>9.2 acres</u>
Total Mitigation Package	71.8 acres

Mitigation will occur in two designated Compensatory Mitigation Areas (CMA 1 and CMA 2) located north of Grandview Road on grazed pastureland. The wetland mitigation project for the Maintenance Service Complex is incorporated into and part of the compensatory wetland mitigation project for the previously permitted Cogeneration Facility.

Wetland creation will occur through slight grading modifications to capture and temporarily store stormwater runoff.

Rehabilitation will occur by restoring historic drainage patterns via re-routing treated stormwater runoff and plugging existing ditches; removing and suppressing non-native invasive plants; and establishing emergent, scrub-shrub, and forested wetlands and uplands. Re-routing of stormwater runoff will include installing pipes and an outlet channel with diffuse-flow design to direct runoff from one of the two proposed detention ponds across existing roads to a portion of CMA 2. Additional stormwater runoff will be redirected into CMA 1 from the westerly-flowing roadside ditch located on the north side of Grandview Road.

The project is located adjacent to the BP Cherry Point Refinery (4519 Grandview Road), near Blaine, Whatcom County, Washington, in wetlands, Section 8, T. 39 N., R. 1E., WRIA 1.

#### **AUTHORITIES:**

In exercising authority under 33 U.S.C. § 1341, RCW 90.48.120, and RCW 90.48.260, Ecology has examined this application pursuant to the following:

1. Conformance with applicable water quality-based, technology-based, and toxic or pretreatment effluent limitations as provided under 33 U.S.C. §§ 1311, 1312, 1313, 1316, and 1317 (FWPCA §§ 301, 303, 306 and 307);
2. Conformance with the state water quality standards contained in Chapter 173-201A WAC and authorized by 33 U.S.C. § 1313 and by Chapter 90.48 RCW, and with other applicable state laws; and
3. Conformance with the provision of using all known, available and reasonable methods to prevent and control pollution of state waters as required by RCW 90.48.010.

#### **WATER QUALITY CERTIFICATION CONDITIONS:**

Through issuance of this Order, Ecology certifies that it has reasonable assurance that the activity as proposed and conditioned will be conducted in a manner that will not violate applicable water quality standards and other appropriate requirements of state law. In view of the foregoing and in accordance with 33 U.S.C. § 1341, RCW 90.48.120, RCW 90.48.260 Chapter 173-200 WAC and Chapter 173-201A WAC, water quality certification is granted to the Applicant subject to the conditions within this Order.

Certification of this proposal does not authorize the Applicant to exceed applicable state water quality standards (Chapter 173-201A WAC), ground water standards (Chapter 173-200 WAC) or sediment quality standards (Chapter 173-204 WAC). Furthermore, nothing in this certification shall absolve the Applicant from liability for contamination and any subsequent cleanup of surface waters, ground waters or sediments occurring as a result of project construction or operations.

**A. General Conditions:**

- A1. For purposes of this Order, the term "Applicant" shall mean BP Cherry Point Refinery and its agents, assignees and contractors.
- A2. For purposes of this Order, all submittals required by its conditions shall be sent to Ecology's Northwest Regional Office, Attn: 401/CZM Federal Project Manager, 3190 160<sup>th</sup> Avenue SE, Bellevue, WA 98008-5452. Any submittals shall reference Order #5976 and Corps Reference No. NWS-2001-01283-SO.
- A3. Work authorized by this Order is limited to the work described in the JARPA received by Ecology on January 31, 2008. The Applicant will be out of compliance with this Order and must reapply with an updated application if the information contained in the JARPA is voided by subsequent changes to the project not authorized by this Order.
- A4. Within 30 days of receipt of an updated JARPA, Ecology will determine if the revised project requires a new water quality certification and public notice or if a modification to this Order is required.
- A5. This Order shall be rescinded if the U.S. Army Corps of Engineers does not issue an individual Section 404 permit.
- A6. This Order does not exempt, and is provisional upon, compliance with other statutes and codes administered by federal, state, and local agencies.
- A7. Copies of this Order shall be kept on the job site and readily available for reference by Ecology personnel, the construction superintendent, construction managers and lead workers, and state and local government inspectors.
- A8. The Applicant shall provide access to the project site and all mitigation sites upon request by Ecology personnel for site inspections, monitoring, necessary data collection, and/or to ensure that conditions of this Order are being met.
- A9. Nothing in this Order waives Ecology's authority to issue additional orders if Ecology determines that further actions are necessary to implement the water quality laws of the state. Further, Ecology retains continuing jurisdiction to make modifications hereto through supplemental order, if additional impacts due to project construction or operation

are identified (e.g., violations of water quality standards, downstream erosion, etc.), or if additional conditions are necessary to further protect water quality.

- A10. The Applicant shall ensure that all appropriate project engineers and contractors at the project site have read and understand relevant conditions of this Order and all permits, approvals, and documents referenced in this Order. The Applicant shall provide Ecology a signed statement (see Attachment A for an example) from each project engineer and contractor that they have read and understand the conditions of this Order and the above-referenced permits, plans, documents and approvals. These statements shall be provided to Ecology before construction begins at the project or mitigation sites.
- A11. This Order does not authorize direct, indirect, permanent, or temporary impacts to waters of the state or related aquatic resources, except as specifically provided for in conditions of this Order.
- A12. Any person who fails to comply with any provision of this Order shall be liable for a penalty of up to ten thousand dollars (\$10,000) per violation for each day of continuing noncompliance.

**B. Wetland Compensatory Mitigation:**

- B1. The Applicant shall mitigate impacts to wetlands as described in BP Cherry Point Cogeneration/Facilities Project Compensatory Mitigation Plan, (hereafter called the "mitigation plan") prepared by *URS Corporation*, dated *September 2008*, except as modified in this Order or revised and approved by Ecology.
- B2. The Applicant shall submit any changes to the mitigation plan in writing to Ecology (see A.2) for review and approval before work begins or when problems occur during construction and result in necessary changes.
- B3. To ensure proper installation, the applicant's wetland professional must supervise and inspect all mitigation site construction and planting.

**Implementation**

- B4. The Applicant shall begin the compensatory mitigation project before or concurrent with impacts to wetlands.
- B5. The Applicant shall ensure that all excess excavated site material is disposed of in an appropriate location outside of wetlands and consistent with the Mitigation Plan.
- B6. The Applicant shall ensure that no material is stockpiled within existing wetlands, streams or their buffers at the mitigation site at any time, unless included in the Ecology-approved mitigation plan.

- B7. The Applicant shall not use Polyacrylamides as a temporary erosion control BMP on exposed or disturbed soil on the mitigation site.
- B8. If seeding is used as temporary erosion control BMP, it must be a wetland mix consisting of native, annual, non-invasive plant species.
- B9. The Applicant shall mark the mitigation area's boundaries, including buffers, with signs at regular intervals.
- B10. Upon completion of site-grading and prior to planting, the Applicant shall give Ecology written confirmation that the finished grades are consistent with the approved mitigation plan (or other subsequent Ecology-approved changes). Written confirmation can be a signed letter from the surveyor or project engineer indicating how final elevations were confirmed and whether they are consistent with the plan.
- B11. Within 30 days after the completion of the mitigation project including planting, the applicant shall notify Ecology of the completion of mitigation site construction. If there are multiple mitigation sites, notify Ecology after the completion of each site.
- B12. Within 60 days of completing the mitigation site construction and planting, the Applicant shall give Ecology a final as-built report with maps. The as-built report must document site conditions at Year Zero.
  - a) Give Ecology one electronic copy on compact disc or by email and one hard copy (see A.2.). Always prominently display the Corps Reference Number and the Ecology Order Number.
  - b) Include the information listed in Attachment B in the as-built report.
  - c) If the mitigation project is not completed within 13 months of this Order's date, the Applicant shall submit a written status report on the mitigation construction and submit status reports every 12 months until construction (including planting) is complete and the final as-built report is submitted.
- B13. The Applicant shall record a Wetlands Notice (see Attachment C), a copy of Ecology's Order, and a copy of the "as-built" maps within 30 days of completing construction and planting. These documents must be recorded with the County Recording Office, Registrar of Deeds, or other appropriate official responsible for maintaining records to, or interest in, real property. Include documentation that this requirement has been fulfilled in the as-built report.

#### Monitoring and Maintenance

- B14. The Applicant shall water and maintain all plantings at the mitigation site to meet the mitigation plan's performance standards.

- B15. The Applicant shall monitor the mitigation site for a minimum of 10 years. The Applicant shall use the monitoring methods described in the mitigation plan pages 49 - 53.
- B16. The Applicant shall submit monitoring reports to Ecology (one on compact disc or via email, and one hard copy [see A.2]) for years 1, 2, 3, 5, 7, and 10 containing, at a minimum, the information in Attachment D.
- B17. The Applicant shall submit the Year One monitoring report no sooner than 12 months and no later than 24 months after submitting the as-built report.
- B18. The Applicant shall implement the mitigation plan's contingency measures *on pages 52 – 55*, if goals, objectives, and performance standards on pages 12 – 15, are not being met.
- B19. The Applicant shall consult with Ecology if unidentified contingency measures are necessary.
- B20. When necessary to meet the performance standards, the Applicant shall replace dead or dying plants during the first available planting season with the same species or a native plant alternative appropriate for the location and note species, numbers, and approximate locations of all replanted materials in the subsequent monitoring report.
- B21. The Applicant shall delineate the wetlands as part of monitoring half-way through, and at the end of, the monitoring period and include information on delineation in the monitoring reports.
- B22. To delineate wetlands, the Applicant shall use the 1997 Washington State Wetlands Identification and Delineation Manual (or as updated) and/or the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region to determine the actual area of wetlands. All mitigation areas shall be delineated including those that have been rehabilitated and enhanced.
- B23. The Applicant shall rate the wetlands at the end of the monitoring period and include the information in the monitoring report. All compensation areas, including those that have been rehabilitated and enhanced, shall be rated, but not non-wetland areas or areas that have been preserved.
- B24. To rate the wetlands, the Applicant shall use the Washington State Wetlands Rating System for Western Washington (revised August 2004) or as updated.
- B25. If the Applicant has not met all the conditions and performance standards at the end of the monitoring period, Ecology may require additional monitoring and/or additional wetland compensatory mitigation.



**C. Conditions for Construction Activities:**

**General Conditions:**

- C1. Applicant shall obtain and comply with Construction Stormwater General Permit #WAR-010680 for this project.
- C2. Construction stormwater, sediment, and erosion control best management practices (BMPs; e.g., filter fences, etc.) suitable to prevent exceedances of state water quality standards shall be in place before starting construction at the site.
- C3. Sediment and erosion control measures shall be inspected and maintained prior to and during project implementation.
- C4. All construction debris shall be properly disposed of on land so that it cannot enter a waterway or cause water quality degradation to state waters.
- C5. Machinery and equipment used during construction shall be serviced, fueled, and maintained upland, unless otherwise approved by Ecology, in order to prevent contamination to any surface water.
- C6. Wash water containing oils, grease, or other hazardous materials resulting from wash down of equipment or working areas shall be contained for proper disposal, and shall not be discharged into state waters or storm drains.
- C7. Clean Fill Criteria: Applicant shall ensure that fill (soil) placed for the proposed project does not contain toxic materials in toxic amounts.

**D. Emergency/Contingency Measures:**

- D1. The Applicant shall develop and implement a Spill Prevention and Containment Plan for all aspects of this project.
- D2. The Applicant shall have adequate and appropriate spill response materials on hand to respond to emergency release of petroleum products or any other material into waters of the state.
- D3. Fuel hoses, oil drums, oil or fuel transfer valves and fittings, etc., shall be checked regularly for drips or leaks, and shall be maintained and stored properly to prevent spills into state waters.

- D4. Any work that is out of compliance with the provisions of this Order, or conditions causing distressed or dying fish, or any discharge of oil, fuel, or chemicals into state waters, or onto land with a potential for entry into state waters, is prohibited. If these occur, the Applicant shall immediately take the following actions:
- a. Cease operations at the location of the violation or spill.
  - b. Assess the cause of the water quality problem and take appropriate measures to correct the problem and/or prevent further environmental damage.
  - c. Notify Ecology of the failure to comply. All oil spills shall be reported immediately to Ecology's 24-Hour Spill Response Team at 1-800-258-5990, **and** within 24 hours of spills or other events to Ecology's 401/CZM Federal Project Manager at (425) 649-7129 or (425) 649-7000.
  - d. Submit a detailed written report to Ecology within five (5) days that describes the nature of the event, corrective action taken and/or planned, steps to be taken to prevent a recurrence, results of any samples taken, and any other pertinent information.

Compliance with this condition does not relieve the Applicant from responsibility to maintain continuous compliance with the terms and conditions of this Order or the resulting liability from failure to comply.

- D5. Work in or near the water that may affect fish migration, spawning, or rearing shall cease immediately upon a determination by Ecology or WDFW that fisheries resources may be adversely affected.

**E. Timing Requirements**

- E1. This Order is valid until all compliance requirements in this document have been met.

**F. Reporting and Notification Requirement Conditions**

- F1. Applicant shall provide notice to Ecology's 401/CZM Federal Project Manager at least three (3) days prior to the start of construction and within 14 days after completion of construction at the project site. Notification, referencing Corps Reference No. NWS-2001-01283-SO, Order #5976 can take place by telephone to (425) 649-7129 or (425) 649-7000, fax to (425) 649-7098, or in writing.

**G. Appeal Process:**

You have a right to appeal this Order. To appeal this you must:

- File your appeal with the Pollution Control Hearings Board within 30 days of the “date of receipt” of this document. Filing means actual receipt by the Board during regular office hours.
- Serve your appeal on the Department of Ecology within 30 days of the “date of receipt” of this document. Service may be accomplished by any of the procedures identified in WAC 371-08-305(10). “Date of receipt” is defined at RCW 43.21B.001(2).

Be sure to do the following:

- Include a copy of this document that you are appealing with your Notice of Appeal.
- Serve and file your appeal in paper form; electronic copies are not accepted.

**1. To file your appeal with the Pollution Control Hearings Board**

Mail appeal to:

The Pollution Control Hearings Board  
PO Box 40903  
Olympia, WA 98504-0903

Deliver your appeal in person to:

OR The Pollution Control Hearings Board  
4224 – 6th Ave SE Rowe Six, Bldg 2  
Lacey, WA 98503

**2. To serve your appeal on the Department of Ecology**

Mail appeal to:

The Department of Ecology  
Appeals Coordinator  
P.O. Box 47608  
Olympia, WA 98504-7608

Deliver your appeal in person to:

OR The Department of Ecology  
Appeals Coordinator  
300 Desmond Dr SE  
Lacey, WA 98503

**3. And send a copy of your appeal to:**

Department of Ecology  
Northwest Regional Office  
Attn: Rebekah Padgett  
3190 160<sup>th</sup> Avenue SE  
Bellevue, WA 98008

For additional information visit the Environmental Hearings Office Website:  
<http://www.eho.wa.gov>

To find laws and agency rules visit the Washington State Legislature Website:  
<http://www1.leg.wa.gov/CodeReviser>

Your appeal alone will not stay the effectiveness of this Order. Stay requests must be submitted in accordance with RCW 43.21B.320. These procedures are consistent with Ch. 43.21B RCW.

Dated October 23, 2008 at Bellevue, Washington.



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Erik Stockdale, Unit Supervisor  
Northwest Regional Office  
Shorelands and Environmental Assistance Program  
Department of Ecology  
State of Washington

**ATTACHMENT A**

**BP CHERRY POINT REFINERY  
MAINTENANCE SERVICE COMPLEX PROJECT  
Water Quality Certification Order #5976**

**Statement of Understanding of  
Water Quality Certification Conditions**

I have read and understand the conditions of Order #5976 Section 401 Water Quality Certification for the BP Cherry Point Refinery Maintenance Service Complex Project. I have also read and understand all permits, plans, documents, and approvals associated with the project referenced in this Order.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Company

**Attachment B**  
**Information for As-Built Reports**  
**(See Condition B12)**

BP CHERRY POINT REFINERY  
MAINTENANCE SERVICE COMPLEX PROJECT  
Water Quality Certification Order #5976  
And  
Corps Reference No. NWS-2001-01283-SO

**Background Information**

- 1) Project name.
- 2) Ecology docket number and the Corps reference number.
- 3) Name and contact information for the parties responsible for the mitigation site including:
  - a) The applicant.
  - b) The landowner.
  - c) Wetland professional on site during construction of the compensatory mitigation site.
- 4) Name and contact information for the party responsible for preparing the report.
- 5) Who the report was prepared for (name, address, and phone number) *{if different from number 3 above.}*
- 6) Month and year the report was produced.

**The Development Site**

- 7) Brief description of the development project. Include:
  - a) Directions to the site.
  - b) Month and year construction of the development project started and ended.
  - c) Area (acres) and type(s) (rating category, HGM classification, and Cowardin classification) of wetlands that were **actually** impacted by the development project, including temporary impacts.

**The Compensatory Mitigation Project**

- 8) Brief description of the **final** compensatory mitigation project with any changes from the approved plan made during construction. Include:
  - a) Directions to the site.
  - b) Who completed the compensatory mitigation project (name, address, and phone number?
  - c) Acreage and type(s) (re-establishment, rehabilitation, creation, enhancement, and preservation) of mitigation authorized to compensate for wetland impacts.
  - d) Important dates including:
    - i. Month and year the wetland impacts occurred.
    - ii. When work on the compensatory mitigation site began and ended.
    - iii. When different activities began and ended such as grading, removal of invasive plants, installing plants, and installing habitat features.

- 9) Description of any problems encountered and solutions implemented (with reasons for changes) during construction of the compensatory mitigation site.
- 10) Any changes to the goals, objectives, and performance standards of the compensatory mitigation project.
- 11) List of any follow-up actions needed, with a schedule.
- 12) 8 1/2" X 11" (or larger) final site maps of the compensatory mitigation site(s) including the following (at a minimum). The final site maps should reflect on-the-ground conditions after the site work is completed. Include the month and year when the maps were produced and, if applicable, when information was collected
  - a) Geographic location of the site with landmarks.
  - b) Clear delineation of the project perimeter(s).
  - c) Topography (with a description of how elevations were determined),
  - d) Installed planting scheme (quantities, densities, sizes approximate locations, and the source(s) of plant material)
  - e) Location of habitat features.
  - f) Location of permanent photo stations.
- 13) Photographs of the site at as-built conditions taken from photo stations (photo pans are recommended).
- 14) Copies of any records of deed notification or conservation easements.

**Attachment C**  
**Wetland Notice for Deed Notification**  
**(See Condition B13)**

BP CHERRY POINT REFINERY  
MAINTENANCE SERVICE COMPLEX PROJECT  
Water Quality Certification Order #5976  
And  
Corps Reference No. NWS-2001-01283-SO

Tax Parcel Number: \_\_\_\_\_

Legal Description: \_\_\_\_\_

Legal Owner: \_\_\_\_\_

NOTICE: This property contains wetlands as defined by Chapter 36.70A030(20) RCW, Chapter 90.58.030 (2)(h) RCW and WAC 173-201A-020. The property was the subject of an Ecology action under Chapter 90.48.260 RCW or Chapter 90.48.120(1) RCW.

\_\_\_\_\_, issued on \_\_\_\_\_, 20\_\_\_\_  
(Corps federal reference #) Ecology Docket #

to \_\_\_\_\_ for \_\_\_\_\_  
(Applicant Name) (Project Name)

Restrictions on use or alteration of the wetlands may exist due to natural conditions of the property and resulting regulations. A copy of Ecology's Order and the site map from the final wetland mitigation plan indicating the location of wetlands and their buffers is attached hereto.

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

State of Washington)  
County of \_\_\_\_\_)

I certify that I know or have satisfactory evidence that \_\_\_\_\_  
Signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in this instrument.

GIVEN under my hand an official seal this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

\_\_\_\_\_  
NOTARY PUBLIC in and for the state of Washington,  
residing at \_\_\_\_\_.(Amended by



**Attachment D**  
**Required Information for Monitoring Reports**  
**(See Condition B16)**

BP CHERRY POINT REFINERY  
MAINTENANCE SERVICE COMPLEX PROJECT  
Water Quality Certification Order #5976  
And  
Corps Reference No. NWS-2001-01283-SO

Ecology requires the following information, for monitoring reports submitted under this Order. Ecology will accept additional information that may be required by other regulators.

**Background Information**

- 1) Project name
- 2) Ecology docket number and Corps reference number
- 3) Name and contact information of the parties responsible for the mitigation site including:
  - a) The applicant
  - b) The landowner
- 4) Name and contact information for the party responsible for the monitoring activities and report
- 5) Who the report was prepared for (name, address, and phone number) *{if different from number 3 above.}*
- 6) Month and year the monitoring data were collected
- 7) Month and year the report was produced

**Mitigation Project Information**

- 8) Brief description of the mitigation project including:
  - a) Directions to the site
  - b) Acreage and type(s) (re-establishment, rehabilitation, creation, enhancement, and preservation) of mitigation authorized to compensate for wetland impacts
- 9) Brief description of monitoring approach and methods.
- 10) A list of the goals and objectives for the mitigation project
- 11) Summary table of monitoring data compared with performance standards. Using the monitoring data, describe how the site is developing toward goals and objectives and whether the project is in compliance with performance standards
- 12) Summary (including dates) of management actions (maintenance, contingencies, and corrective actions) implemented at the site(s)
- 13) Summary of any difficulties or significant events that occurred on the site that may affect the ultimate success of the project
- 14) Specific recommendations for any additional corrective actions or adaptive management with a time table
- 15) Summary of any lessons learned

- 16) 8 1/2" x 11" (or larger) maps of site(s) including, at a minimum, the following:
  - a) The month and year when the maps were produced and, if applicable, when information was collected
  - b) The geographic location of the site with landmarks.
  - c) Clear delineation of the project perimeter(s).
  - d) Species, numbers, and approximate locations of all replanted material vegetation.
  - e) Location of habitat features.
  - f) Location of permanent photo stations and location of any other photos.
  - g) Location of sampling points or transects.
- 17) Photographs taken at photo stations from the most recent monitoring visit, which are dated and clearly indicate the direction from which the photo was taken. (We recommend photo pans.)